

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2021/0300872 A1 Blagg et al.

Sep. 30, 2021 (43) **Pub. Date:**

(54) SECOND GENERATION GRP94-SELECTIVE **INHIBITORS**

- (71) Applicant: University of Kansas, Lawrence, KS
- (72) Inventors: Brian S.J. Blagg, Niles, MI (US); Vincent Matthew Crowley, Lawrence,
- (21) Appl. No.: 17/341,047
- (22) Filed: Jun. 7, 2021

Related U.S. Application Data

(63) Continuation of application No. 16/640,897, filed on Feb. 21, 2020, now Pat. No. 11,028,041, filed as application No. PCT/US2018/047820 on Aug. 23, 2018.

Provisional application No. 62/550,292, filed on Aug. 25, 2017.

Publication Classification

- (51) Int. Cl. C07D 213/643 (2006.01)C07C 69/78 (2006.01)C07C 219/34 (2006.01)
- (52) U.S. Cl. CPC C07D 213/643 (2013.01); C07C 219/34 (2013.01); CO7C 69/78 (2013.01)

(57)ABSTRACT

The present technology provides compounds selective for the Grp94 isoform, as well as compositions including such compounds, that are useful for treatment of multiple myeloma, melanoma, lung cancer, hepatocellular carcinoma, breast cancer, prostate cancer, and/or glaucoma. Methods using the compound are also provided.

